PC25131A

## LISTING OF THE CLAIMS

-2-

The following listing of claims will replace all prior versions, and listings, of claims in the application.

## Listing of claims:

1 (currently amended). A combination, comprising valdecoxib, or a pharmaceutically acceptable salt thereof, and an allosteric alkyne inhibitor of MMP-13 of Formula (A)

$$(R_2)_{\mathfrak{q}} \xrightarrow{A} (Z)_{\mathfrak{n}} (X_3) \overset{W_2}{\longrightarrow} (X_1)$$

or a pharmaceutically acceptable salt thereof, or an N-oxide thereof, wherein:

 $W_1$  is O, S, or NR<sub>3</sub>, wherein R<sub>3</sub> is hydrogen, (C<sub>1</sub>-C<sub>6</sub>)alkyl, hydroxyl or cyano;  $W_2$  is selected from:

hydrogen;

trifluoromethyl;

NH<sub>2</sub>;

 $(C_1-C_{10})$ alkylN(H);

 $[(C_1-C_{10})alkyl]_2N$ , wherein each  $(C_1-C_{10})alkyl$  moiety is the same or different;

(C1-C6)alkyl;

 $(C_3-C_6)$ alkenyl;

 $(C_3-C_6)$ alkynyl;

phenyl;

naphthyl;

phenyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

naphthyl-(C1-C10)alkyl;

- 3 -

PC25131A

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(C_3-C_{10})cycloalkyl-(C_1-C_{10})alkyl;
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an aromatic 5-membered or 6-membered monocyclic heterocycle comprising carbon atoms and from 1 to 4 heteroatoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

a nonaromatic 5-membered or 6-membered monocyclic heterocycle comprising carbon atoms and from 1 to 3 heteroatoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

wherein in  $W_2$  each  $(C_1-C_{10})$ alkyl,  $(C_1-C_6)$ alkyl,  $(C_3-C_6)$ alkenyl,  $(C_3-C_6)$ alkynyl, phenyl, naphthyl, phenyl- $(C_1-C_{10})$ alkyl, naphthyl- $(C_1-C_{10})$ alkyl,  $(C_3-C_{10})$ cycloalkyl- $(C_1-C_{10})$ alkyl, aromatic heterocycle, and nonaromatic heterocycle group is independently unsubstituted or substituted by from 1 to 3 groups, which may be identical or different, selected from halo,  $NH_2$ ,  $(C_1-C_{10})$ alkylN(H),  $[(C_1-C_{10})$ alkylN(H), wherein each  $(C_1-C_{10})$ alkyl moiety is the same or different, cyano, trihalo $(C_1-C_6)$ alkyl,  $(C_1-C_6)$ acyl,  $C(=O)OR_4$ ,  $-OR_4$ , and  $SR_4$ ;

R4 is hydrogen or (C1-C6)alkyl; or

W2 and W4 may be taken together to form a diradical group W2-W4 of formula

₩<sub>3</sub>=Х<sub>4</sub> №;

W2 is N or CR5 wherein R5 is selected from:

hydrogen;

QR65

SR6:

(C<sub>4</sub>-C<sub>6</sub>)alkyl;

(C3-C8)cycloalkyl;

a saturated heterocycle comprising from 3 to 8 ring members which are earbon atoms and one heteroatom selected from O, S, N(H), and N (G<sub>1</sub>-C<sub>10</sub>)alkyl; phenyl;

naphthyl;

(C<sub>5</sub>-C<sub>10</sub>)heteroaryl comprising curbon atoms and from 1 to 4 heteroatoms selected from O, S, N(H), and N (C<sub>1</sub>-C<sub>10</sub>)alkyl;

phenyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl; and

naphthyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

- 4 -

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R<sub>6</sub>-is selected from hydrogen, (C<sub>1</sub>-C<sub>6</sub>)alkyl, phenyl (C<sub>1</sub>-C<sub>10</sub>)alkyl, and naphthyl (C<sub>1</sub>-C<sub>10</sub>)alkyl; wherein in W<sub>3</sub>-each (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>5</sub>)cycloalkyl, saturated heterocycle, phenyl, naphthyl, (C<sub>5</sub>-C<sub>10</sub>)heteroaryl, phenyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl, and naphthyl (C<sub>1</sub>-C<sub>10</sub>)alkyl group is independently unsubstituted or substituted by (CH<sub>2</sub>)<sub>p</sub>-OH or (CH<sub>2</sub>)<sub>p</sub>-NH<sub>2</sub>;
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p is an integer of from 0 to 4-inclusive;

X4 is N or CR2, wherein R2 is selected from:

hydrogen;

NR<sub>8</sub>R<sub>9</sub>;

ORe:

 $SR_8$ 

(G1-C6)alkyl;

(C3-C8)cycloalkyl;

a saturated heterocycle-comprising from 3 to 8 ring members which are carbon atoms and one heteroatom selected from O, S, N(II), and N (C<sub>1</sub>-G<sub>10</sub>)alkyl; phenyl;

naphthyl;

(C<sub>5</sub>-C<sub>10</sub>)heteroaryl comprising carbon atoms and from 1 to 4 heteroatoms selected from O, S, N(H), and N (C<sub>1</sub>-C<sub>10</sub>)alkyl;

phenyl (C1-C10)alkyl; and

naphthyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

 $R_8$  and  $R_9$  are the same or different, and are selected from hydrogen; (C<sub>1</sub>-C<sub>6</sub>)alkyl; phonyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl; and naphthyl (C<sub>1</sub>-C<sub>10</sub>)alkyl;

wherein in X<sub>4</sub> each (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>8</sub>)cycloalkyl, saturated heterocycle, phenyl, naphthyl, (C<sub>5</sub>-C<sub>10</sub>)heteroaryl, phenyl-(C<sub>1</sub>-G<sub>10</sub>)alkyl, and naphthyl (C<sub>1</sub>-C<sub>10</sub>)alkyl group is independently unsubstituted or substituted by (CH<sub>2</sub>)<sub>p</sub>-OH or (CH<sub>2</sub>)<sub>p</sub> NH<sub>2</sub>, wherein p is an integer from 0 to 4 inclusive;

 $X_1$ ,  $X_2$  and  $X_3$  independently of each other are N or C-R, One of  $X_1$ ,  $X_2$  and  $X_3$  is N and the other two of  $X_1$ ,  $X_2$  and  $X_3$  are C-R, wherein R is selected from:

hydrogen;

(C<sub>1</sub>-C<sub>6</sub>)alkyl;

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- 5 -
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hydroxyl;
        (C_1-C_6)alkoxy;
        halo;
        trifluoromethyl;
        cyano;
        nitro;
        S(O)_{n1}R_4, wherein R_4 is as defined above;
        NR_{10}R_{11};
   n<sub>1</sub> is an integer of from 0 to 2 inclusive;
   R_{10} and R_{11} are the same or different, and are independently selected from
        hydrogen;
        (C<sub>1</sub>-C<sub>6</sub>)alkyl;
        phenyl-(C<sub>1</sub>-C<sub>10</sub>)alkyl; and
        naphthyl-(C1-C10)alkyl; or
   R_{10} and R_{11} may be taken together with the nitrogen atom to which they are bonded to
    form a 5-membered or 6-membered ring containing carbon atoms, the nitrogen atom
    to which R_{10} and R_{11} are attached, and optionally a second heteroatom selected from
    O, S, N(H), and N(C1-C10)alkyl,
    wherein not more than two of the groups X1, X2, and X3 simultaneously are a nitrogen
n is an integer of from 0 to 8 inclusive;
Z is C(R_{12})(R_{13}):
Each R<sub>12</sub> and R<sub>13</sub> independently of each other are selected from:
        hydrogen;
        (C_1-C_6)alkyl;
        trihalo(C<sub>1</sub>-C<sub>6</sub>)alkyl;
        halo:
        NH<sub>2</sub>;
         (C_1-C_6)alkylN(H);
         [(C<sub>1</sub>-C<sub>6</sub>)alkyl]<sub>2</sub>N, wherein each (C<sub>1</sub>-C<sub>6</sub>)alkyl moiety is the same or different;
         OR4;
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Apr-20-2006 09:53am

-6-

PC25131A

SR₄; and

C(=O)OR<sub>4</sub>, wherein R<sub>4</sub> is as defined above; or

 $R_{12}$  and  $R_{13}$  on the same carbon atom may be taken together with the carbon atom to which they are attached to form a carbonyl group; and

Z can contain 1 carbon-carbon double bond when two  $R_{12}$  groups are absent and n is an integer of from 2 to 8; and

Z can contain 2 carbon-carbon double bonds when four R<sub>12</sub> groups are absent or three R<sub>12</sub> and one R<sub>13</sub> groups are absent and n is an integer of from 3 to 8; and

Z can contain 1 carbon-carbon triple bond when two each of  $R_{12}$  and  $R_{13}$  are absent and n is an integer of from 2 to 8; and

Z can contain 2 carbon-carbon triple bonds when four each of  $R_{12}$  and  $R_{13}$  are absent and n is an integer of from 4 to 8; and

One C(R<sub>12</sub>)(R<sub>13</sub>) group in Z can be replaced with O, N(H), N(C<sub>1</sub>-C<sub>6</sub>)alkyl, S, S(O), or  $S(O)_2;$ 

## A is selected from:

phenyl;

an aromatic 5-membered or 6-membered monocyclic heterocycle comprising carbon atoms and from 1 to 4 heteroatoms selected from O, S, N(H), and N-(C1- $C_{10}$ )alkyl;

a nonaromatic 5-membered or 6-membered monocycle comprising carbon atoms and from 0 to 4 heteroatoms selected from O, S, N(H), and  $N-(C_1-C_{10})$  alkyl; naphthyl;

an aromatic 8-membered to 12-membered bicycle comprising two aromatic rings independently selected from 5-membered or 6-membered rings, wherein the rings may be the same or different and bonded or fused to each other, and wherein the bicycle comprises carbon atoms and from 1 to 6 hetero atoms selected from O, S, N(H), and  $N-(C_1-C_{10})$ alkyl;

an aromatic 8-membered to 12-membered bicycle comprising one aromatic 5membered or 6-membered ring and one non-aromatic 5-membered or 6membered ring, wherein the rings may be bonded or fused to each other, and

- 7 -

PC25131A

wherein the bicycle comprises carbon atoms and from 0 to 6 hetero atoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl; and a non-aromatic 8-membered to 12-membered bicycle comprising two non-aromatic rings independently selected from 5-membered or 6-membered rings, wherein the rings may be the same or different and bonded or fused to each other, and wherein the bicycle comprises carbon atoms and from 0 to 4 hetero atoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

Each R2 may be the same or different, and is independently selected from:

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hydrogen;
        (C_1-C_6)alkyl;
        halo;
        cyano;
        nitro;
        trihalo(C<sub>1</sub>-C<sub>6</sub>)alkyl;
        NR_{10}R_{11};
         OR14:
         SR14;
         S(O)R<sub>14</sub>;
         S(O)_2R_{14};
         (C_1-C_6)acyl;
         (CH_2)_kNR_{10}R_{11};
         X_5(CH_2)_kNR_{10}R_{11};
         (CH_2)_k SO_2 NR_{14}R_{15};
         X_5(CH_2)_kC(=0)OR_{14};
         (CH_2)_kC(=0)OR_{14};
         X_5(CH_2)_kC(=O)NR_{14}R_{15};
         (CH_2)_kC(=O)NR_{14}R_{15}; and
         X6-R16;
X_5 is O, S, N(H), or N(C<sub>1</sub>-C<sub>6</sub>)alkyl;
k is an integer of from 0 and 3 inclusive;
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R<sub>10</sub> and R<sub>11</sub> are as defined above;

-8-

 $R_{14}$  and  $R_{15}$  may be the same or different, and independently are hydrogen or ( $C_1$ - $C_6$ )alkyl;

X<sub>6</sub> is a single bond, -CH<sub>2</sub>-, O, or S, S(O), or S(O)<sub>2</sub>;

R<sub>16</sub> is selected from:

phenyl;

an aromatic 5-membered or 6-membered monocyclic heterocycle comprising carbon atoms and from 1 to 4 heteroatoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

cyclopentyl;

cyclohexyl; and

a nonaromatic 5-membered or 6-membered monocyclic heterocycle comprising carbon atoms and from 1 to 3 heteroatoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

wherein in  $R_{16}$  each phenyl, aromatic 5-membered or 6-membered, heterocyclic ring, cyclopentyl, cyclohexyl, and non-aromatic 5-membered or 6-membered heterocyclic ring group independently is unsubstituted or substituted with from 1 to 3 groups independently selected from  $(C_1-C_6)$ alkyl, halo, trihalo $(C_1-C_6)$ alkyl, hydroxyl,  $(C_1-C_6)$ alkoxy, SH,  $(C_1-C_6)$ alkylthio, NH<sub>2</sub>,  $(C_1-C_6)$ alkylN(H),  $[(C_1-C_6)$ alkyl]<sub>2</sub>N, wherein each  $(C_1-C_6)$ alkyl moiety may be the same or different;

q is an integer of from 0 to 7 inclusive;

R<sub>1</sub> is a group selected from:

hydrogen;

 $(C_1-C_6)$ alkyl;

(C<sub>3</sub>-C<sub>6</sub>)alkenyl; and

(C3-C6)alkynyl,

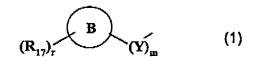
wherein in R<sub>1</sub> each (C<sub>1</sub>-C<sub>6</sub>)alkyl, (C<sub>3</sub>-C<sub>6</sub>)alkenyl, and

 $(C_3-C_6)$ alkynyl group is independently unsubstituted or substituted with from 1 to 3 groups independently selected from NH<sub>2</sub>,  $(C_1-C_6)$ alkylN(H),  $[(C_1-C_6)$ alkyl]<sub>2</sub>N, wherein each  $(C_1-C_6)$ alkyl moiety may be the same or different,  $(C_1-C_6)$ alkyl, cyano, trihalo $(C_1-C_6)$ alkyl, C(=O)OR<sub>4</sub>, OR<sub>4</sub>, SR<sub>4</sub>, wherein R<sub>4</sub> is as defined above, and a group of formula (1)

Apr-20-2006 09:53am

-9-

PC25131A



m is an integer of from 0 to 8 inclusive,

Y is CR<sub>18</sub>R<sub>19</sub>;

Each R<sub>18</sub> and R<sub>19</sub> independently of each other, is selected from:

hydrogen;

(C<sub>1</sub>-C<sub>6</sub>)alkyl;

phenyl;

trihalo(C1-C6)alkyl;

halo;

NH2;

 $(C_1-C_6)$ alkylN(H);

[(C<sub>1</sub>-C<sub>6</sub>)alkyl]<sub>2</sub>N, wherein each (C<sub>1</sub>-C<sub>6</sub>)alkyl moiety may be the same or different;

OR<sub>4</sub>;

SR4; and

 $C(=Q)OR_4;$ 

R4 is as defined above;

Y can contain 1 carbon-carbon double bond when two  $R_{18}$  groups are absent and m is an integer of from 2 to 8; and

Y can contain 2 carbon-carbon double bonds when four  $R_{18}$  groups are absent or three  $R_{18}$  and one  $R_{19}$  groups are absent and m is an integer of from 3 to 8; and

Y can contain 1 carbon-carbon triple bond when two each of  $R_{18}$  and  $R_{19}$  are absent and m is an integer of from 2 to 8; and

Y can contain 2 carbon-carbon triple bonds when four each of  $R_{18}$  and  $R_{19}$  are absent and m is an integer of from 4 to 8; and

One  $C(R_{18})(R_{19})$  group in Y can be replaced with O, N(H), N(C<sub>1</sub>-C<sub>6</sub>)alkyl, S, S(O), or S(O)<sub>2</sub>;

B is a group selected from:

phenyl;

- 10 -

an aromatic 5-membered or 6-membered monocyclic heterocycle comprising carbon atoms and from 1 to 4 heteroatoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

a nonaromatic 5-membered or 6-membered monocycle comprising carbon atoms and from 0 to 4 heteroatoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl; naphthyl;

an aromatic 8-membered to 12-membered bicycle comprising two aromatic rings independently selected from 5-membered or 6-membered rings, wherein the rings may be the same or different and bonded or fused to each other, and wherein the bicycle comprises carbon atoms and from 1 to 6 hetero atoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

an aromatic 8-membered to 12-membered bicycle comprising one aromatic 5-membered or 6-membered ring and one non-aromatic 5-membered or 6-membered ring, wherein the rings may be bonded or fused to each other, and wherein the bicycle comprises carbon atoms and from 0 to 6 hetero atoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl; and

a non-aromatic 8-membered to 12-membered bicycle comprising two non-aromatic rings independently selected from 5-membered or 6-membered rings, wherein the rings may be the same or different and bonded or fused to each other, and wherein the bicycle comprises carbon atoms and from 0 to 4 hetero atoms selected from O, S, N(H), and N-(C<sub>1</sub>-C<sub>10</sub>)alkyl;

r is an integer of from 0 to 7 inclusive,

Each  $R_{17}$  may be the same or different and independently is selected from:

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hydrogen;
(C<sub>1</sub>-C<sub>6</sub>)alkyl;
halo;
cyano;
nitro;
trihalo(C<sub>1</sub>-C<sub>6</sub>)alkyl;
NR<sub>10</sub>R<sub>11</sub>;
OR<sub>14</sub>;
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PC25131A

SR14;

 $S(O)R_{14};$ 

 $S(0)_2R_{14}$ ;

 $(C_1-C_6)$ acyl;

 $(CH_2)_k NR_{10}R_{11};$ 

 $X_5(CH_2)_kNR_{10}R_{11};$ 

 $(CH_2)_kSO_2NR_{14}R_{15};$ 

 $X_5(CH_2)_kC(=O)OR_{14};$ 

 $(CH_2)_kC(=O)OR_{14};$ 

 $X_5(CH_2)_kC(=O)NR_{14}R_{15};$ 

 $(CH_2)_kC(=O)NR_{14}R_{15}$ ; and

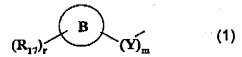
 $X_6-R_{16}$ , wherein  $X_5$ , k,  $R_{10}$ ,  $R_{11}$ ,  $R_{14}$ ,  $R_{15}$ ,  $X_6$ , and  $R_{16}$  are as defined above.

## 2 (original). The combination of Claim 1, wherein:

W2 is (C1-C6)alkyl;

W<sub>1</sub> is O; and

R<sub>1</sub>is a group of formula (1)



wherein Y, B, R<sub>17</sub>, m, and r are as defined for Formula (A) in Claim 1.

3 (original). The combination of Claim 1, wherein the compound of Formula (A) is selected from:

4-{6-[3-(4-methoxy-phenyl-)-prop-1-ynyl]-1-methyl-2,4-dioxo-1,4-dihydro-2H-quinazolin -3-ylmethyl}-benzoic acid methyl ester;

4-[1-methyl-2,4-dioxo-6-(3-phenyl-prop-1-ynyl)-1,4-dihydro-2H-quinazolin-3-ylmethyl]-benzoic acid;

4-{6-[3-(4-methoxy-phenyl-)-prop-1-ynyl]-1-methyl-2,4-dioxo-1,4-dihydro-2H-quinazolin -3-ylmethyl}-benzoic acid;

4-{6-[3-(4-methoxy-phenyl-)-prop-1-ynyl]-1-methyl-2,4-dioxo-1,4-dihydro-2H-pyrido[3,4-d]pyrimidin-3-ylmethyl}-benzoic acid;

- 4-[1-methyl-2,4-dioxo-6-(3-phenyl-prop-1-ynyl)-1,4-dihydro-2H-pyrido[3,4-d]pyrimidin-3-ylmethyl]-benzoic acid;
  - 4-benzyl-7-(3-phenyl-prop-1-ynyl)-4H-[1,2,4]triazolo[4,3-a]quinazolin-5-one;
- 4-benzyl-7-[3-(4-methoxy-phenyl)-prop-1-ynyl]-4H-[1,2,4]triazolo[4,3-a]quinazolin-5-one;
- 4-{7-[3-(4-methoxy-phenyl)-prop-1-ynyl]-5-oxo-5H-[1,2,4]triazolo[4,3-a]quinazolin-4-ylmethyl}-benzoic acid methyl ester;
- 4-[5-oxo-7-(3-phenyl-prop-1-ynyl)-5H-[1,2,4]triazolo[4,3-a]quinazolin-4-ylmethyl]-benzoic acid; and
- 4-(1-methyl-2,4-dioxo-6-(2-phenylethynyl)-1,4-dihydro-2H-quinazolin -3-ylmethyl)-benzoic acid;
  - or a pharmaceutically acceptable salt thereof, or an N-oxide thereof.
- 4 (original). The combination of Claim 1, wherein the compound of Formula (A) is selected from:
- 4-{6-[3-(4-methoxy-phenyl-)-prop-1-ynyl]-1-methyl-2,4-dioxo-1,4-dihydro-2H-quinazolin -3-ylmethyl}-benzoic acid methyl ester;
- 4-[1-methyl-2,4-dioxo-6-(3-phenyl-prop-1-ynyl)-1,4-dihydro-2H-quinazolin-3-ylmethyl]-benzoic acid;
- 4-{6-[3-(4-methoxy-phenyl-)-prop-1-ynyl]-1-methyl-2,4-dioxo-1,4-dihydro-2H-quinazolin -3-ylmethyl}-benzoic acid;
- 4-{6-[3-(4-methoxy-phenyl-)-prop-1-ynyl]-1-methyl-2,4-dioxo-1,4-dihydro-2H-pyrido[3,4-d]pyrimidin-3-ylmethyl}-benzoic acid;
- 4-[1-methyl-2,4-dioxo-6-(3-phenyl-prop-1-ynyl)-1,4-dihydro-2H-pyrido[3,4-d]pyrimidin-3-ylmethyl]-benzoic acid;
  - 4-benzyl-7-(3-phenyl-prop-1-ynyl)-4H-[1,2,4]triazolo[4,3-a]quinazolin-5-one;
- 4-benzyl-7-[3-(4-methoxy-phenyl)-prop-1-ynyl]-4H-[1,2,4]triazolo[4,3-a]quinazolin-5-one;
- 4-{7-[3-(4-methoxy-phenyl)-prop-1-ynyl]-5-oxo-5H-[1,2,4]triazolo[4,3-a]quinazolin-4-ylmethyl}-benzoic acid methyl ester;

4-[5-oxo-7-(3-phenyl-prop-1-ynyl)-5H-[1,2,4]triazolo[4,3-a]quinazolin-4-ylmethyl]-benzoic acid; and

4-(1-methyl-2,4-dioxo-6-(2-phenylethynyl)-1,4-dihydro-2H-quinazolin -3-ylmethyl)-benzoic acid.

5 (currently amended). A pharmaceutical composition, comprising a combination of valdecoxib, or a pharmaceutically acceptable salt thereof, and an allosteric alkyne inhibitor of MMP-13, or a pharmaceutically acceptable salt thereof, according to claim 1 and a pharmaceutically acceptable carrier, diluent, or excipient.

6 (currently amended). A method of treating a disease or disorder selected from cartilage damage, inflammation, arthritis, and pain in a mammal, comprising administering to the mammal a therapeutically effective amount of a combination of valdeeoxib, or a pharmacoutically acceptable salt thereof, and an allosteric alkyno inhibitor of MMP-13, or a pharmacoutically acceptable salt thereof according to claim 1.

7 (original). The method according to Claim 6, wherein the disease or disorder is rheumatoid arthritis.

8 (original). The method according to Claim 6, wherein the disease or disorder is osteoarthritis.

9 (original). The method according to Claim 6, wherein the disease or disorder is joint inflammation.

10 (original). The method according to Claim 6, wherein the pain is joint pain.